

Docket No.: 066788-0036



**PATENT**

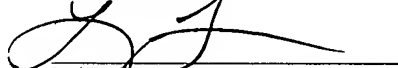
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Dumas, David P.  
Appl. No. : 10/630,628  
Filed : July 29, 2003  
Title : TRANSPARENT POLYMER  
SUPPORT FOR ELECTROPHORESIS  
AND  
ELECTROCHROMATOGRAPHY  
AND RELATED METHODS

Customer No.: 41552  
Confirmation No.: 9067  
CERTIFICATE OF MAILING (37 CFR. § 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First-Class Mail under 37 CFR 1.8(a) in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 22, 2007

  
Lori Ford

Grp./A.U. : 1753  
Examiner: : Noguerola, Alexander Stephan

**TRANSMITTAL**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an Information Disclosure Statement in the above-identified application.

Also attached: 1 Information Disclosure Statement  
1 PTO Form 1449 (3 pages)  
33 References

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 502624, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP



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**Date: May 22, 2007**



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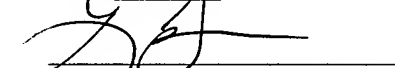
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Examiner: : Noguerola, Alexander Stephan

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

In accordance with 37 CFR 1.17(p), please charge the fee of \$180.00 to Deposit Account No. 502624.

10/630,628

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 502624 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



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**Date: May 22, 2007**

**Please recognize our Customer No. 41552  
as our correspondence address.**

**INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION**

(PTO-1449)

ATTY. DOCKET NO.  
**066788-0036**SERIAL NO.  
**10/630,628**APPLICANT  
**Dumas, David P.**FILING DATE  
**July 29, 2003**GROUP  
**1753****U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US 2,370,565	02/27/1945	Muskat et al.	
	2.	US 2,370,567	02/27/1945	Muskat et al.	
	3.	US 2,385,933	10/02/1945	Muskat et al.	
	4.	US 2,403,113	07/02/1946	Muskat et al.	
	5.	US 2,407,446	09/10/1946	Pollack et al.	
	6.	US 2,464,056	03/08/1949	Pechukas	
	7.	US 2,587,437	02/26/1952	Bralley et al.	
	8.	US 3,385,836	05/28/1968	Mednick et al.	
	9.	US 3,751,374	08/07/1973	Berry et al.	
	10.	US 4,083,819	04/11/1978	Hisano et al.	
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	12.	US 4,311,762	01/19/1982	Spycher et al.	
	13.	US 4,346,197	08/24/1982	Crano et al.	
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	15.	US 4,398,008	08/09/1983	Misura	
	16.	US 4,590,248	05/20/1986	Moriya et al.	
	17.	US 4,613,656	09/23/1986	Tang	
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	20.	US 4,735,832	04/05/1988	Ichikawa	
	21.	US 4,959,429	09/25/1990	Misura et al.	
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	23.	US 5,017,666	05/21/1991	Crano et al.	
	24.	US 5,131,998	07/21/1992	Jorgenson et al.	
	25.	US 5,143,854	09/01/1992	Pirrung et al.	
	26.	US 5,173,552	12/22/1992	Renzi et al.	
	27.	US 5,194,133	03/16/1993	Clark et al.	
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	31.	US 5,496,460	03/05/1996	Jorgenson et al.	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>					ATTY. DOCKET NO. <b>066788-0036</b>		SERIAL NO. <b>10/630,628</b>	
(PTO-1449)					APPLICANT <b>Dumas, David P.</b>			
					FILING DATE <b>July 29, 2003</b>		GROUP <b>1753</b>	
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	33.	US	5,824,711	04/29/1997	Sundberg et al.			
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	37.	US	6,057,411	05/02/2000	Herold			
	38.	US	6,123,798	09/26/2000	Ghandi et al.			
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	40.	US	6,214,191	04/10/2001	Wiktorowicz et al.			
	41.	US	6,277,259	08/21/2001	Guttman et al.			
	42.	US	6,911,339	06/28/2005	Dumas			
FOREIGN PATENT DOCUMENTS								
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number & - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation		
						Yes	No	
	43.	WO 98/55231	12/10/1998	Aurora Biosciences Corp.				
	44.	WO 00/55627	09/21/2000	Eos Biotechnology, Inc.				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
	45.	Andres et al., "Recent advances in the solid phase synthesis of drug-like heterocyclic small molecules," <u>Comb. Chem. High Throughput Screen.</u> 2:191-210 (1999)						
	46.	Backes and Ellman, "Solid support linker strategies," <u>Curr. Opin. Chem. Biol.</u> 1:86-93 (1997)						
	47.	Beaucage and Iyer, "Advances in the synthesis of oligonucleotides by the phosphoramidite approach," <u>Tetrahedron Lett.</u> 48:2223-2311 (1992)						
	48.	Becker and Gartner, "Polymer microfabrication methods for microfluidic analytical applications," <u>Electrophoresis</u> 21:12-26 (2000)						
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	52.	Fields and Noble, "Solid phase peptide synthesis utilizing 9-fluorenylmethoxycarbonyl amino acids," <u>Int. J. Peptide Protein Res.</u> 35:16 (1990)						
	53.	Fodor et al., "Light-directed, spatially addressable parallel chemical synthesis," <u>Science</u> 251:767 (1991)						
	54.	Freemantle, "Chemical analysis and synthesis on microchips promise a variety of potential benefits," <u>Chem. Eng. News</u> 77:27-36 (1999)						
	55.	Gallop et al., "Applications of combinatorial technologies to drug discovery. 1. Background and peptide combinatorial libraries," <u>J. Med. Chem.</u> 37:1233-1251 (1994)						
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	56.	Gordon et al., "Applications of combinatorial technologies to drug discovery. 2. Combinatorial organic synthesis, library screening strategies, and future directions," <u>J. Med. Chem.</u> 37:1385-1401 (1994)	
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	61.	Krishnan et al., "Microfabricated reaction and separation systems," <u>Curr. Opin. Biotechnol.</u> 12:92-98 (2001)	
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	65.	Matson et al., "Biopolymer synthesis on polypropylene supports. I. Oligonucleotides," <u>Anal. Biochem.</u> 217:306-310 (1994)	
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	68.	Mendonca and Xiao, "Optimization of solid supports for combinatorial chemical synthesis," <u>Med. Res. Rev.</u> 19:451-462 (1999)	
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	71.	Sucholeiki, "New developments in solid phase synthesis supports," <u>Mol. Divers.</u> 4:25-30 (1998-1999)	
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	74.	Voldman et al., "Microfabrication in biology and medicine," <u>Ann. Rev. Biomed. Eng.</u> 1:401-425 (1999)	
	75.	Wang et al., "Identification of a blue photoluminescent composite material from a combinatorial library," <u>Science</u> 279:1712-1714 (1998)	
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